

Title (en)
FLUID-FILLED ENGINE MOUNT DEVICE

Publication
EP 0065298 A3 19830928 (EN)

Application
EP 82104249 A 19820514

Priority
JP 7439081 A 19810518

Abstract (en)
[origin: US4657219A] A fluid-filled engine mount device comprises an annular elastic block having inner and outer peripheral sections one of which is connected to a power unit side and the other connected to a vehicle body side; an annular elastic member connected to the elastic block; a partition plate member connected to and elastically supported by the annular elastic member, the partition plate member being formed with an orifice and defining between it and the elastic block a fluid chamber capable of being filled with a fluid; and a diaphragm member disposed in connection with the partition plate member and defining between it and the partition plate member an auxiliary chamber capable of being filled with the fluid, the auxiliary chamber being in communication with the fluid chamber through the orifice thereby effectively damping high frequency fine vibration applied from a power unit.

IPC 1-7
B60K 5/12; **F16F 9/10**

IPC 8 full level
B60K 5/12 (2006.01); **F16F 13/00** (2006.01); **F16F 13/10** (2006.01); **F16F 13/18** (2006.01); **F16M 7/00** (2006.01)

CPC (source: EP US)
F16F 13/105 (2013.01 - EP US)

Citation (search report)

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US 37873882 A 19820617; EP 82104249 A 19820514; JP 7439081 A 19810518